Index of Claims

Application/Control No.

10/603,048

Examiner

Hoa C. Nguyen

Applicant(s)/Patent under Reexamination

PAYNE ET AL.

Art Unit

2841

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| _  | (Through numeral)<br>Cancelled |
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|---|--------------|
| _ | Interference |

| A | Appeal   |
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| Clair    | m        | Date     |          |          |          |          |          |          |          | Claim Date                                       |     |       |          |          |   |          | _        |          |              |  |               |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|-----|-------|----------|----------|---|----------|----------|----------|--------------|--|---------------|----------|
|          | Original | 6/28/05  |          |          |          |          |          |          |          |  |     | Final | Original |          |   |          |          |          |              |  |               |          |
| -        | 1        | 1        |          |          | -        | _        |          |          | _        | _  |     |       | 51       | $\vdash$ | - |          | $\vdash$ |          | $\vdash$     | $\vdash$   | ┢             | ┢        |
|          | 2        | V        |          |          | T        |          |          | -        |          |  |     |       | 52       | Н        |   |          | -        | _        | $\vdash$     | _  | _             | T        |
|          | 3        | 7        |          |          |          | -        |          |          |          |  |     |       | 53       | П        |   |          | П        |          | _            | Г  | $\overline{}$ | Г        |
|          | 4        | 7        |          |          |          |          |          |          |          |  |     |       | 54       |          |   |          |          |          |              |  |               |          |
|          | 5        | 0        |          |          |          |          |          |          |          |  |     |       | 55       |          |   |          |          |          |              |  |               |          |
|          | 6        | 1        |          |          | <u>L</u> | L.       |          |          |          |  |     |       | 56       | Ш        |   |          | <u> </u> |          |              |  | L             | L        |
|          | 7        | 1        | L        |          | <u> </u> |          | L        |          |          |  |     |       | 57       | Ш        |   |          | <u> </u> |          | _            | _  |               | L        |
|          | 8        | 7        | <u> </u> |          |          | ļ.,      |          | <u> </u> |          | ļ  |     |       | 58       |          |   |          | <u> </u> | <u> </u> | <b> </b>     |  | <u> </u>      | ┡        |
|          | 9        | 7        | <u> </u> |          |          |          | _        | <u> </u> | ⊢        | -  |     |       | 59       | Н        |   |          | -        | -        | -            | <del> </del>                                     | ├—            | ⊢        |
|          | 11       | 7        | <u> </u> |          |          |          |          | ├        |          | ├-   |     |       | 60<br>61 | Н        |   |          | $\vdash$ |          | $\vdash$     | -  | ⊢             | ⊢        |
|          | 12       | 1        | ⊢        | <u> </u> | -        | <u> </u> | ⊢        | -        |          |  |     |       | 62       | -        | - |          | -        |          | -            | -  | ⊢             | ⊢        |
|          | 13       | ò        | H        |          |          | _        | 一        | ┢╌       | ┝        | ┝  |     |       | 63       | Н        |   |          |          |          |              |  | $\vdash$      | H        |
|          | 14       | Ť        | <u> </u> | -        |          | _        | -        | -        | ┢        | $\vdash$   |     |       | 64       | Н        |   |          |          | _        | _            | <del>                                     </del> | ┢             | ┢        |
|          | 15       | 7        | $\vdash$ | T        | _        | $\vdash$ | <u> </u> |          | $\vdash$ | _  |     |       | 65       | П        |   |          |          |          |              |  | Г             | T        |
|          | 16       | 1        |          |          |          |          |          |          |          | T  |     |       | 66       |          |   |          |          |          |              |  |               | Т        |
|          | 17       | 1        |          |          |          |          |          |          |          |  |     |       | 67       |          |   | _        |          |          |              |  |               | Г        |
|          | 18       | 1        |          |          |          |          |          |          |          |  |     |       | 68       |          |   |          |          |          |              |  |               |          |
|          | 19       | 1        |          |          |          |          |          |          |          |  |     |       | 69       |          |   |          |          |          |              |  |               |          |
|          | 20       |          |          | _        | <u> </u> | <u> </u> |          |          |          |  |     |       | 70       |          |   | L        | ļ        | <u> </u> |              |  | <u> </u>      | L        |
|          | 21       |          |          | L        | L        |          |          | L        | L        |  | . 1 |       | 71       |          |   |          |          |          |              |  | <u> </u>      | Ļ        |
| $\vdash$ | 22       | _        |          | _        | _        | _        | _        | _        |          |  |     |       | 72       | ļ        |   |          | <u> </u> | <u> </u> | <u> </u>     |  | <u> </u>      | Ļ        |
|          | 23       | _        |          | _        | ⊢        | _        | _        |          |          | <u> </u>   |     |       | 73       | _        |   | _        | <u> </u> | _        | -            |  | ┢             | ⊦        |
| $\vdash$ | 24<br>25 |          |          | ⊢        |          |          | <u> </u> | -        | -        | -  |     |       | 74<br>75 | -        |   |          |          | <u> </u> | <del> </del> |  | ┢             | ⊬        |
|          | 26       | —        |          | ├        | ┝        | -        | -        | -        | -        | $\vdash$   |     |       | 76       | Н        |   |          | $\vdash$ | -        | ⊢            | -  | ┼─            | ╁        |
|          | 27       | _        | ├─       | ╂─       | -        | -        |          |          |          | $\vdash$   |     |       | 77       | Н        | _ | -        | ⊢        | ┢        | -            | $\vdash$   | <del> </del>  | ┢        |
|          | 28       | _        | -        | $\vdash$ |          | -        |          |          |          |  | l   |       | 78       |          |   | _        | _        |          | <del> </del> |  | <u> </u>      | t        |
|          | 29       |          |          |          |          |          |          | -        | <u> </u> | <del>                                     </del> |     |       | 79       | Н        |   |          |          |          |              |  | $\vdash$      | t        |
|          | 30       |          |          |          |          | Г        |          | _        | _        |  | 1   |       | 80       |          |   |          |          |          |              |  |               | T        |
|          | 31       |          |          |          |          |          |          |          |          |  | 1   |       | 81       |          |   |          |          |          |              |  |               | Γ        |
|          | 32       |          |          |          |          |          |          |          |          |  |     |       | 82       |          |   |          |          |          |              |  |               |          |
|          | 33       | _        | _        | <u>_</u> | L_       | _        | _        | _        |          |  |     |       | 83       | Ш        |   |          |          | _        |              |  | <u> </u>      | L        |
|          | 34       |          | _        | L        |          |          | ļ        |          | <u> </u> |  |     |       | 84       |          |   |          | _        | ļ        | L.           |  | ╙             | ┡        |
|          | 35       |          | ļ        | <u> </u> |          | <u> </u>   |     |       | 85       | Н        |   |          | -        | <u> </u> | _            |  | ┡             | ₽        |
|          | 36<br>37 | _        | ├—       | ⊢        | -        | -        | ├—       | -        |          | $\vdash$   | -   |       | 86<br>87 | Н        |   |          | $\vdash$ | ⊢        | -            | H  | $\vdash$      | $\vdash$ |
|          | 38       |          |          | ⊢        | -        | -        | ┢        | -        | -        | -  | ł   |       | 88       | Н        |   |          | ├        | ├        | -            | -  | ₩             | ⊢        |
|          | 39       |          | -        | $\vdash$ | $\vdash$ | -        | _        | ┝        | -        | -  | l   |       | 89       | $\vdash$ |   |          | ┥        | ⊢        | H            | ┝  | ┝             | H        |
|          | 40       |          |          | ╁        | ┢        | -        | ┢        |          | _        | -  |     |       | 90       |          |   | -        | ╁        | ┢        | $\vdash$     | -  | $\vdash$      | t        |
|          | 41       |          | -        | $\vdash$ |          |          | $\vdash$ |          |          |  |     |       | 91       | Н        |   |          |          | $\vdash$ |              | 1  | ┢             | H        |
|          | 42       |          |          | T        |          |          |          |          |          |  |     |       | 92       |          |   | _        | $\vdash$ | $\vdash$ | 一            | 1  | t             | T        |
|          | 43       |          | Γ        |          | Γ        |          | T -      |          |          |  | 1   |       | 93       | П        |   |          |          |          |              |  | $\Box$        | Γ        |
|          | 44       |          |          |          |          |          |          |          |          |  |     |       | 94       |          |   |          | $\Box$   |          |              |  |               | Γ        |
|          | 45       |          |          |          | 匚        |          |          | 匚        | 匚        | 匚  |     |       | 95       |          |   |          | 匚        |          | 匚            | L.   |               | Ĺ        |
|          | 46       |          |          |          | L_       |          |          |          |          | $\Box$   |     |       | 96       |          |   |          | L        |          | L            | Ľ  | $\perp$       | Ľ        |
|          | 47       |          | <u> </u>   |     |       | 97       | Ш        |   | _        | <u> </u> | _        | _            | <u> </u>   | Щ.            | $\perp$  |
| -        | 48       | _        | <u> </u> | <u> </u> | <u> </u> | ₩        | <u> </u> | <u> </u> | -        | <u> </u>   | -   |       | 98       | $\vdash$ |   | <u> </u> | $\vdash$ | $\vdash$ | <u> </u>     | _  | $\vdash$      | $\vdash$ |
|          | 49       | $\vdash$ | <u> </u> | ├-       | -        | -        | -        | ├        | -        | $\vdash$   |     | ļ     | 99       | $\vdash$ |   |          | -        | -        | <u> </u>     | -  | ⊢             | +        |
|          | 50       | L_       | L        | L        | <u> </u> | <u> </u> | Ц        | L        | <u> </u> | <u> </u>   | J   | L     | 100      | Ш        |   |          |          | Щ.       |              |  | Щ             | Ш        |

| Cla      | aim      | Date   |  |  |          |  |  |  |              |          |  |  |
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| Final    | Original |  |  |  |          |  |  |  |              |          |  |  |
|          | 51       |  |  |  |          |  |  |  |              |          |  |  |
|          | 52       | <u> </u>   | -  | -  |          |  | _  |  |              |          |  |  |
| -        | 53       | -  | $\vdash$   |  | -        | _  | _  | _  |              |          |  |  |
| -        | 54       | _  | $\vdash$   |  | $\vdash$ | -  |  |  |              |          |  |  |
|          | 55       | <u> </u>   |  |  | -        |  |  |  |              |          |  |  |
| -        | 56       | -  | -  |  | H        | _  | _  | $\vdash$   | _            | _        |  |  |
|          | 57       | <del> </del>                                     | -  |  |          |  |  |  | _            | _        |  |  |
| -        | 58       |  | -  |  |          |  | _  |  |              |          |  |  |
| -        | 59       | -  |  | -  | -        | _  | _  | -  |              | -        |  |  |
| -        | 60       | ⊢  | -  |  |          |  | -  |  |              | -        |  |  |
|          | 61       | ⊢  | _  | H  |          |  | -  |  |              | $\vdash$ |  |  |
|          |          | <del>                                     </del> |  |  |          |  |  |  |              | <u> </u> |  |  |
|          | 62<br>63 | -  | -  | H  | _        | -  | _  |  |              | _        |  |  |
| -        | 64       | $\vdash$   | $\vdash$   | H  | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | -            | -        |  |  |
|          | 64       | -  | $\vdash$   |  |          |  |  |  | _            |          |  |  |
|          | 65<br>66 |  |  |  | _        | _  |  |  |              |          |  |  |
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| <u> </u> | 67       |  |  | -  |          |  | _  | _  | _            |          |  |  |
|          | 68       | -  |  | _  |          |  |  |  |              |          |  |  |
| -        | 69       | <del> </del> —                                   | -  | _  |          | -  |  |  |              |          |  |  |
| -        | 70       | ├  | <del> </del>                                     | -  |          | <u> </u>   |  |  |              |          |  |  |
|          | 71       | -  |  | -  | -        |  |  | _  | _            |          |  |  |
| 1        | 72       |  |  | ├-   | _        | <u> </u>   |  |  |              | -        |  |  |
|          | 73<br>74 | <del> </del>                                     | -  | -  | _        |  |  |  |              |          |  |  |
|          | 74       | -  |  |  | _        | $\vdash$   | _  | -  | -            | _        |  |  |
| -        | 75<br>76 | H  | $\vdash$   | -  |          | -  | —  |  | —            |          |  |  |
| -        | 77       | $\vdash$   | _  | -  | ⊢        | <u> —                                   </u>     |  | -  |              |          |  |  |
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|          | 78<br>79 | ⊢  | -  | $\vdash$   | $\vdash$ | $\vdash$   |  | -  |              | -        |  |  |
|          | 80       | -  |  | $\vdash$   | $\vdash$ |  |  |  | _            | -        |  |  |
|          | 81       | $\vdash$   | -  |  | $\vdash$ | H  | -  | -  | -            | -        |  |  |
|          | 82       | -  | -  | -  | -        | $\vdash$   |  |  | -            | $\vdash$ |  |  |
|          | 83       | -  | -  | H  | $\vdash$ | $\vdash$   |  |  | _            |          |  |  |
| -        | 84       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | H  | <u></u>  | -            | -        |  |  |
| -        | 85       | ┝  | -  | -  | -        | -  | -  | -  | $\vdash$     | $\vdash$ |  |  |
| <b></b>  | 86       | -  |  | <del>                                     </del> | -        | -  |  | $\vdash$   |              |          |  |  |
|          | 87       | $\vdash$   | -  | <del>                                     </del> |          | $\vdash$   |  | H  | <u> </u>     | -        |  |  |
|          | 88       | $\vdash$   | ┢  | -  | $\vdash$ | $\vdash$   | $\vdash$   | -  | -            | -        |  |  |
| -        | 89       | $\vdash$   | -  |  | $\vdash$ | $\vdash$   | $\vdash$   | -  | _            | -        |  |  |
| -        | 90       | <del> </del>                                     | -  | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |          |  |  |
|          | 91       | $\vdash$   | $\vdash$   |  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del> | $\vdash$ |  |  |
| -        | 92       | $\vdash$   | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$   | <del>                                     </del> |              | H        |  |  |
|          | 93       | $\vdash$   | $\vdash$   | $\vdash$   |          |  | $\vdash$   | -  | _            | $\vdash$ |  |  |
| <b></b>  | 94       |  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | _  | $\vdash$   | -            | $\vdash$ |  |  |
| <b>—</b> | 95       | $\vdash$   | <del>                                     </del> | $\vdash$   |          | $\vdash$   | $\vdash$   | $\vdash$   |              |          |  |  |
|          | 96       | <del>                                     </del> | $\vdash$   | Т  | $\vdash$ | $\vdash$   | $\vdash$   |  | -            | _        |  |  |
|          | 97       | $\vdash$   | Т  |  |          |  | <u> </u>   |  |              |          |  |  |
|          | 98       | Г  | T  | Г  | $\vdash$ | _  | <del>                                     </del> |  | $\vdash$     | Ι_       |  |  |
|          | 99       | T  |  | <u> </u>   |          |  |  |  |              |          |  |  |
|          | 100      | <del>                                     </del> | $\vdash$   | _  | _        | <del>                                     </del> | _  | $\vdash$   | $\vdash$     | $\vdash$ |  |  |

| Cla      | Date                            |  |          |  |  |              |              |              |          |          |  |
|----------|---------------------------------|--|----------|--|--|--------------|--------------|--------------|----------|----------|--|
| Final    | Original                        |  |          |  |  |              |              |              |          |          |  |
|          | 101                             | <del> </del>                                     | _        |  |  | _            | -            |              |          | Н        |  |
|          | 101<br>102                      |  |          |  |  |              |              |              |          |          |  |
|          | 103                             |  |          |  |  |              |              |              |          |          |  |
|          | 104<br>105                      |  |          |  |  |              |              |              |          |          |  |
|          | 105                             |  |          |  |  |              | _            | _            |          |          |  |
|          | 106                             |  | <u> </u> | <u> </u>   |  | _            |              | _            | ļ        | -        |  |
|          | 107<br>108                      | _  | <u> </u> | H  |  |              |              |              | -        | $\vdash$ |  |
|          | 109                             | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     |              |              | ├        | $\vdash$ |  |
|          | 110                             | $\vdash$   | $\vdash$ | ┝╌   | $\vdash$   |              |              |              | ┝╌       | $\vdash$ |  |
|          | 111                             |  | Ι-       |  | $\vdash$   | -            |              |              | -        | Н        |  |
|          | 112                             | <del>                                     </del> | -        | _  |  |              | _            |              | $\vdash$ | Н        |  |
|          | 112<br>113                      |  |          |  | Г  | Γ            |              |              |          |          |  |
|          | 114                             |  |          |  |  |              |              |              |          |          |  |
|          | 115                             |  |          |  |  |              | Ш            |              |          |          |  |
|          | 115<br>116<br>117               |  | <u> </u> |  | _  |              | _            | L            | _        | Ш        |  |
| L        | 117                             | _  | _        | _  | <u> </u>   |              | _            |              | _        | Ш        |  |
|          | 118                             |  |          | <u> </u>   | _  | <u> </u>     | H            |              | <u> </u> |          |  |
|          | 119                             |  | <u> </u> | <u> </u>   | <del> </del>                                     | -            | <u> </u>     | <u> </u>     | ┝        | Н        |  |
| -        | 120                             | -  | ⊢        | ┝  |  | <del> </del> |              | ├            | ⊢        | Н        |  |
|          | 120<br>121<br>122               | <del> </del>                                     | ├        | -  | ┝  | ┝            | -            | ┝            | $\vdash$ | Н        |  |
| _        | 123                             |  | $\vdash$ |  | -  | $\vdash$     | $\vdash$     | <del> </del> |          |          |  |
|          | 124                             |  | $\vdash$ | -  |  |              | ┢            | _            | ┢        | Н        |  |
|          | 125                             |  | $\Box$   |  |  |              |              | _            |          |          |  |
|          | 123<br>124<br>125<br>126<br>127 |  |          |  |  |              |              |              |          |          |  |
|          | 127                             |  |          |  |  |              |              |              |          |          |  |
|          | 128<br>129                      | _  | _        |  |  | <u> </u>     | <u> </u>     |              |          | L        |  |
|          | 129                             | _  |          | ļ  | <u> </u>   | <u> </u>     | <u> </u>     |              | <u> </u> | Ш        |  |
|          | 130                             | _  | _        |  | <u> </u>   | -            | <u> </u>     | H            | <u> </u> | Н        |  |
|          | 131<br>132<br>133               | _  | -        | ├  | ├  | ├─           | <u> </u>     | ├-           | -        |          |  |
| -        | 132                             | -  | ⊢        | -  | ├  | ┝            | -            | ┝            | $\vdash$ | Н        |  |
|          | 134                             | -  | $\vdash$ | $\vdash$   | $\vdash$   | <del> </del> | -            | $\vdash$     | $\vdash$ | H        |  |
|          | 134<br>135                      |  | $\vdash$ | T  | $\vdash$   | $\vdash$     | $\vdash$     |              | 1        | H        |  |
|          | 136                             |  | Τ        | <del>                                     </del> |  | Г            | Г            |              |          | П        |  |
|          | 136<br>137                      |  |          |  |  |              |              |              |          |          |  |
|          | 138                             |  |          |  |  |              |              |              |          |          |  |
|          | 139                             |  | L        | $oxedsymbol{oxedsymbol{oxed}}$                   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |              | <u> </u>     | L            | L        | Ш        |  |
| L        | 140                             | _  | <u> </u> | ļ  | <u> </u>   | <u> </u>     | <u> </u>     | $\vdash$     | <u> </u> | $\sqcup$ |  |
|          | 141                             |  | <u> </u> | <u> </u>   | ⊢  | $\vdash$     | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$ |  |
|          | 142<br>143                      |  | -        |  | -  | <del> </del> | -            | H            | $\vdash$ | $\vdash$ |  |
| ļ        | 144                             | ├  | -        | ⊢  | ├—   | ļ            | <del> </del> | <u> </u>     | ⊢        | $\vdash$ |  |
| <u> </u> | 145                             | $\vdash$   | $\vdash$ | $\vdash$   | +  | -            | $\vdash$     |              | $\vdash$ | $\vdash$ |  |
| _        | 146                             | $\vdash$   |          | H  | $\vdash$   | $\vdash$     | $\vdash$     | -            | $\vdash$ | H        |  |
| <b>-</b> | 147                             | <del>                                     </del> | _        | ┢╌   | <del>                                     </del> | <u> </u>     | _            | $\vdash$     |          |          |  |
|          | 148                             | <u> </u>   |          |  | T  |              | İ            |              | T        |          |  |
|          | 149                             |  |          |  |  |              |              |              |          |          |  |
|          | 150                             |  |          |  |  |              |              |              |          |          |  |
|          |                                 |  |          |  |  |              |              |              |          |          |  |